

# Purchase Order Receipt Listing

Wednesday, January 11, 2017 9:22:03 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO34861 All Receipt Dates All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
<b>Vendor ID/Vendor Name</b> VC-COP001 Thyssenkrupp Materials CA Ltd											
PO34861	✓		M303R0.500	f	1/12/2017	1/11/2017	12.0000	\$3.41	0.0000	0	\$40.96
CAD	No		303 Round Bar 0.500" f m136568	f	12.0000	PLOU01		\$40.96	0.0000	0	
	✓	2	M304R0.375	f	1/12/2017	1/11/2017	12.0000	\$3.41	0.0000	0	\$40.96
	No		304 ROUND BAR 0.375	f	12.0000	PLOU01		\$40.96	0.0000	0	
	✓	3	m136568								
	✓		M304R1.000	f	1/12/2017	1/11/2017	12.0000	\$6.10	0.0000	0	\$73.25
	No		304 round bar 1.00	f	12.0000	PLOU01		\$73.25	0.0000	0	
			m136568								
	✓	4	M304S18GA	sf	1/12/2017	1/11/2017	80.0000	\$2.97	0.0000	0	\$237.54
	No		304/316 .050 Sheet	sf	80.0000	PLOU01		\$237.54	0.0000	0	
			m136568								
	✓	5	M304S20GA	sf	1/12/2017	1/11/2017	64.0000	\$3.17	0.0000	0	\$202.79
	No		304/316 .040 Sheet	sf	64.0000	PLOU01		\$202.79	0.0000	0	
			m136568								
	✓	6	M6061T6B1.000X04. f 000	f	1/12/2017	1/11/2017	12.0000	\$8.38	0.0000	0	\$100.55
	No		6061-T6 Bar 1.00 x 4.00	f	12.0000	PLOU01		\$100.55	0.0000	0	
			m136568								
	✓		M6061T6B2.000X01. f 250	f	1/12/2017	1/11/2017	12.0000	\$5.36	0.0000	0	\$64.35
	No		6061-T6 Bar 2.00 x 1.25	f	12.0000	PLOU01		\$64.35	0.0000	0	
			m136568								
	✓	9	M6061T6R1.000	f	1/12/2017	1/11/2017	12.0000	\$3.41	0.0000	0	\$40.96
	No		ROUND BAR 1.00" f m136568	f	12.0000	PLOU01		\$40.96	0.0000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO34861	10		M6061T6R1.250	f	1/12/2017	1/11/2017	12.0000	\$3.41	0.0000	0	\$40.96
CAD	No		6061-T6 Round Bar 1.250 m136568	f	12.0000	PLOU01		\$40.96	0.0000	0	
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											
228.0000											
0.0000											
0.0000											
\$842.32											
0.0000											

## B I L L O F L A D I N G

No: PEC 25195

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 10Jan17 at 10:53 From PFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC- 3954- 1 Your PO # 34861  
STAINLESS STEEL ROUND BAR 303 STAINLESS  
.50" DIA X 144.0000"

Heat Number  
428558

Tag No  
605725

Quantity  
12 FT

PCS  
1

Wt LBS  
8

2) Our Order PEC- 3954- 2 Your PO # 34861  
STAINLESS STEEL ROUND BAR 304L  
.375" DIA X 144.0000"

Heat Number  
166V

Tag No  
605726

Quantity  
12 FT

PCS  
1

Wt LBS  
6

3) Our Order PEC- 3954- 3 Your PO # 34861  
STAINLESS STEEL ROUND BAR 304L  
1.00" DIA X 144.0000"

Heat Number  
409698

Tag No  
605727

Quantity  
12 FT

PCS  
1

Wt LBS  
33

4) Our Order PEC- 3954- 4 Your PO # 34861  
STAINLESS STEEL SHEET 304-2B  
.0480 Nom X 48.0000" X 120.0000"

Heat Number  
2170514

Tag No  
605629

Quantity  
80.00 SFT

PCS  
2

Wt LBS  
154

5) Our Order PEC- 3954- 5 Your PO # 34861  
STAINLESS STEEL SHEET 304-2B  
.0360 Nom X 48.0000" X 96.0000"

Heat Number  
AOA010-AAD

Tag No  
605630

Quantity  
64.00 SFT

PCS  
2

Wt LBS  
92

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.  
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY  
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: ( 1 )  
DART AEROSPACE

NO: PEC 25195  
SHIP DATE 10Jan17 at 10:53 From PFW  
PROBILL  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC- 3954- 6 Your PO # 34861

ALUMINUM FLAT BAR 6061-T6511

1.00" x 4.00" X 144.0000"

Heat Number

201617200

Tag No

605728

Quantity

12 FT

PCS

1

Wt LBS

57

7) Our Order PEC- 3954- 7 Your PO # 34861

ALUMINUM FLAT BAR 6061-T6511

1.250" x 2.00" X 144.0000"

Heat Number

201617706

Tag No

605729

Quantity

12 FT

PCS

1

Wt LBS

36

8) Our Order PEC- 3954- 8 Your PO # 34861

ALUMINUM FLAT BAR 6061-T6511

2.00" X 8.00" X 48.0000"

B/O

9) Our Order PEC- 3954- 9 Your PO # 34861

ALUMINUM ROUND BAR 6061-T6511

1.00" DIA X 144.0000"

Heat Number

199496-12

Tag No

605730

Quantity

12 FT

PCS

1

Wt LBS

11

10) Our Order PEC- 3954- 10 Your PO # 34861

ALUMINUM ROUND BAR 6061-T6511

1.250" DIA X 144.0000"

Heat Number

201615894

Tag No

605731

Quantity

12 FT

PCS

1

Wt LBS

17

11) Our Order PEC- 3954- 11 Your PO # 34861

ALUMINUM SHEET 6061 T6

.0810 Nom X 48.0000" X 96.0000"

B/O

Page: 2 ....Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE



SHIP FROM:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

SHIP TO: ( 1 )  
DART AEROSPACE

NO: PEC 25195  
SHIP DATE 10Jan17 at 10:53 From PFW  
PROBILL  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115 )  
DART AEROSPACE

B I L L O F L A D I N G

TOTAL: Tags 9 PCS 11 LBS 414

Heat Number \*\*\* Chemical Analysis \*\*\*

166V  
199496-12  
201615894  
201617200  
201617706  
2170514  
409698  
428558  
AOA010-AAD

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 1 BDL, 2 SKIDS GW. 507 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*

\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

\*\*\*\*\*

Page: 3 ....Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

## B I L L O F L A D I N G

No: PEC 25195

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 10Jan17 at 10:53 From PFW  
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Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00  
SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*  
\*\*\*POUR VOS BESOINS D'ACIER INOXYDABLE,  
\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*

Page: 4 .... Last

ALUMINIUM · LAITON · CUIVRE · PLASTIQUE · ACIER INOX  
ALUMINUM · BRASS · COPPER · PLASTICS · STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.



36100 VICENZA (Italia) - Viale della scienza, 25 z.i.  
Telefono 0444.968211 - Fax 0444.963836  
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4/37  
Telefono 0471.924111 - Fax 0471.924497

In conformità a : EN 10204 (2004) , 3.1  
Nach/According to:Selon

Certificato nr. **MEST955824 / 2016 /**  
 Probing/Test/Eseel

Cliente / Besteller/Purchaser/Client  
 VALBRUNA CANADA LTD  
 8724 HOLGATE CRESCENT  
 L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura : Hot rolled - Annealed Cold Drawn  
Lieferzustand  
Delivery state  
État de livraison

Produttore :  
 Hersteller/fabriks/Usine productrice  
**STABILIMENTO DI BOLZANO**

Ordine nr: 608005939 Stock - Canada

**Tipo di Elaborazione:** E+AOD  
Erhmelzungsart  
Melting process  
Mode d'elaboration

Marchi di Fabbrica:  
Zeichen des Herstellers  
Trade marks  
Siglas de fabrica productora

Conferma ordine nr. E16008423

Qualität:  
Werkstoff/Grade/Fluence

Punzone del Collaudatore:  
Stempel des Wartungssachverständigen  
Inspector's stamp/Polypion de l'essayeur

Avviso di Spedizione: D-BZ16007820  
Lieferanten/Packing list/B.L.

Marca: MV188ZHS MAXIVAL  
 Markenbezeichnung  
 Brand / Marque

Funzonatura: 303HS  
 Kennzeichnung  
 Marining  
 Marouise

**SPECIFICHE :**

**Note:**

Anforderungen / Requirements / Exigences

**Aufzeichnungen / Notes / Notes**

VSI Q 303 HS A,CF  
AISI 303  
AMS 5640 V S30300 A  
AMS 5640 V TYPE1 A  
ASME SA320 2015 B8F (0)  
ASTM A314 2015 S30300  
ASTM A320 2015A B8F (1)  
ASTM A370 2015  
ASTM A582 2012 S30300 A  
MIL-S-862 B/1 303  
QQ-S-764 B/2 303 A

FO\SECTION II PT.A 2015 EDITION: Chemical analysis only.

(1) Chemical analysis only.

DAS  
14  
9-89 17/01/12

		Tolleranza: ASTM A484-16 TABLE 7							
		Tolleranza/Allowance/Tolerance							
Pos. nr.	Oggetto	Dimensioni - in		Lunghezza - in		Colata	Pezzi	Peso - LB	Lotto nr.
Pos. nr. base nr. No. de piece	Oggetto Product description Description du produit	Dimensioni Dimensions Dimensions		Lunghezza Long Longueur		Colata Scribe Mold Coulée	Pezzi Shots Pieces Pièces	Peso - LB Weight Poids	Lotto nr. Lot Lot No
0010	Round	0,5000		146/ 146		428558		2.105	612201700

### TEST ALLO STATO DI FORNITURA

Test on delivery condition    Prüfung auf lieferbarem produkt    test a l'état de fourniture    Prueba sobre el material así como entregado

1) Longitudinale, 7-8 e versale, su 2 Target, 10 e longitudinale													
TEST	Prove/Prova Qualitative: Laminazione Long term Specimen Water Chain Thickness Long chain spec	°F	Proof Sample Temperature	Servamento Yield Stress Lower elongation Rp 0,2% k.s.t.	Servamento Yield Stress Lower elongation	Resistenza Zugfestigkeit Tensile strength Resistance at tension Rm k.s.t.	Allungamento Bruchdehnung Elongation Allungamento	E 4d %	Strizione Enschwingung Rejection of stress RA %	Resistenza Kerschlagigkeit Impact Value Resistance	Durezza Härte Hardness Durezza HB		
Valori richiesti			min	-	-	-	-	-	-	-	140		
max			-	-	-	-	-	-	-	-	255		
A	R 75	68	I	88		110	25		49		228		

Mechanical properties according to ASTM A370.

### Analisi chimica

**Chemische Zusammenfassung/Chemical Analysis/Analyse chimique**

Colours, Test	min	0,050	0,20	1,50	17,00	-	8,00	-	-	0,32	-	-	-
Schmelze/Coale	max	0,060	1,00	2,00	18,00	0,60	1,20	10,00	0,100	0,4000	-	-	-
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	Zr %		
428558	0,036	0,43	1,83	17,75	0,55	0,61	8,12	0,103	0,030	0,32	0,0044		

Produced without class I-II Ozone depleting substances.  
Solution heat treated free from continuous carbide network.  
Micro and macro etch test : OK  
Reduction ratio = 176,7 : 1  
Annealing temperature : 1960° F for 0.5h/water.  
Material is DFARS Compliant

Il collaudatore di stabilimento / der Werksachverständige / Works inspector / L'agent d'usine

**Bolzano, 15/11/16**

M. Rizzotto

Pagina - 1 di 2

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 303 STAINLESS  
.50" DIA X 144.0000"  
PART NO.

PO/Rel 34861

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-025195-001

10Jan17

Signed by: 

Pg 2/2



### Acciaierie Valbruna S.p.A.

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.  
Telefono 0444.968211 - Fax 0444.963836  
Stab : 39100 BOLZANO (Italia) - Via A. Volta, 4/37  
Telefono 0471.924111 - Fax 0471.924497

#### CERTIFICATO DI COLLAUDO - ABNAHMEPRUEFZEUGNIS - INSPECTION CERTIFICATE - CERTIFICAT DE RECEPTION

In conformità a: EN 10204 (2004), 3.1

Certificato nr. MEST955824 / 2016 /  
Prüfung/Test/Essai

Cliente / Besteller/Purchaser/Client  
VALBRUNA CANADA LTD  
8724 HOLGATE CRESCENT  
L5T 5Z1 - MILTON, ONT L5T 5Z1 - CA

Stato di fornitura: Hot rolled - Annealed Cold Drawn  
Lieferzustand:  
Delivery state:  
Etat de livraison:

Produttore:  
Hersteller/Hersteller/Usine productrice  
**STABILIMENTO DI BOLZANO**

Ordine nr. 608005839 Stock - Canada  
Bestell:  
Your order:  
Commande:

Tipo di Elaborazione: E+AOD  
Erzeugnisart:  
Melting process:  
Mode d'élaboration:

Marchi di Fabbrica:  
Zeichen des Lieferwerkes  
Trésor marks:  
Sigles de l'usine productrice



Conferma ordine nr. EI16008423  
Werk's/Our Order/Ref. nr.

Qualità: 303HS  
Werkstoff/Grade/Qualité:

Punzone del Collaudatore:  
Stempel des Werksachverständigen  
Inspector's stamp/Pointon de l'inspecteur

MR

Avviso di Spedizione: D-BZ16007820  
Lieferanweisung/Shipping Instr. L.

Marca: MV188ZHS MAXIVAL  
Markenbezeichnung:  
Brand / Nuance:

Punzonatura: 303HS  
Kennzeichnung:  
Markung:  
Marquage:

Sono state soddisfatte tutte le condizioni richieste  
Die gestellten Anforderungen sind in Anlage erfüllt:  
The material has been furnished in accordance with the requirements  
Le matériel a été fourni conforme aux exigences

Controllo antimescolanze: OK  
Verwechslungsprüfung: spektralanalytisch durchgeführt  
Antimixing testing performed: OK  
Contrôle antimeslange fait: r.a.t.

Controllo visivo e dimensionale: soddisfa le esigenze  
Besichtigung und Ausmessung: ohne Beanstandung  
Visual inspection and dimensional check: satisfactory  
Contrôle visuel et dimensionnel: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER ACCORDING TO ISO 9001 : 2008, ISO/TS16949 : 2009, AS 9100C

The Quality Management System is Certified acc. Pressure Equipment Directive [97/23/EC] Annex 1, s. 4.3 and 2014/68/EU by TÜV and LLOYD'S  
Any act of tempering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation  
of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.  
Maxival and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved  
machinability.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the  
product be used for more severe, critical and/or in any case different applications than those the material is generally intended for, any different and/or supplementary  
requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the  
Products.

Bolzano, 15/11/16

BBL006 - MEST955824

(Mod. MCE2) © 2015 Acciaierie Valbruna S.p.A. - Bolzano

Il collaudatore di stabilimento / der Werksachverständige / Works inspector / L'agent d'usine

M. Rizzotto 

Pagina - 2 di 2



STAINLESS STEEL ROUND BAR 304L  
1.00" DIA X 144.0000"  
PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Pg 1/1

Management Systems  
Certified by  
LRQA  
ISO 9001 / SGI 6000369  
ISO 14001 / SGI 19/0678

5

OLARRA

Works Inspector Stamp - Werkssachverständiger  
Sello del Inspector

Date - Datum - Fecha  
13 - 04 - 2016

Your order N°  
Bestell - Nr  
Pedido N°

ASTM A 479 / A 479M-15

Tolerance - Toleranz  
Tolerancia  
ASTM A 484 / TB.7

Bundles	
Bunde	2
Bultos	

Bars  
Stäbe  
Barras

Weight  
Gewicht 2496 Lbs  
Peso

Requirements - Anforderungen - Exigencias

EN 10.088-3.2014.

EN 10.272-2007.

Type 304-1.4301-1.4307.

PED 97/23/EC, Annex I, Parag.4.3/DGR 97/23/EG

Anhang I Absatz 4.3 Certificate/Zertifikat Nr. 348/2008/MUC

**DAS**

1A

14  
08

9-8

<p>Melting process / Erschmelzungsart / Proceso de Fusión</p>
---

Heat treatment / Wärmebehandlung / Tratamiento térmico

E.A.F. / A.O.D.

1050C 4H/Std WATER/WASSER/AGUA

Solution annealed/Abgeschreckt/Hipertempe-Turned/Drehen/Tornado-Polished/Pollert/Pulido

**Test: resulta - Ergebnis der Prüfungen - Resultados de los ensayos**

Dimension of Specimen Abmessungen des Probestabes Medida de las probetas	Rp0.2% KSI	Rp 1% KSI	Rm KSI	A % L 5D	A % L 4D	Z %	Hardness Härte HBw	Impact test / Kerschschlag / Resiliencia ISC V ft. lb
--	---------------	--------------	-----------	-------------	-------------	--------	--------------------------	--

RD. 12,50 mm.	Min.	25	70	40	50
	Max.				

Temperature °C	Spec. N°	1	53	59	94	54	74	187
20	Probe Nr.							
	Probe N°							

	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	N	Co
Min.						18,00		8,00			
Max.	0,030	1,00	2,00	0,045	0,030	20,00		12,00		0,1000	
	0,018	0,32	1,43	0,040	0,029	18,00	0,32	8,00	0,37	0,0855	0,14

Visual and dimensional inspection Besichtigung und Ausmessung Control visual y dimensional	O.K.	Radioactivity inspection Radioaktivitätskontrolle Control de Radioactividad	O.K.	Antimixing test Spektror Verwechslungspr Antimezcla	O.K.	Grain Size Korngrösse Tamaño de grano
--	------	---	------	---	------	---

Remarks - Bemerkungen - Observaciones

Free From Mercury contamination/Quecksilberfreiheit.  
No weld repair.

EDV / EDP  
Acc. EN 10.204  
Marian Tejedo  
Quality Mng.

Works Inspector  
Der Werksachverständige  
Inspector de fábrica

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B  
0.0480 Nom X 48.0000" X 120.0000"  
PART NO.

PO/Ref 34861

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-025195-004

10Jan17  
Pg 1/1

## 产品 质量 证明书 MATERIAL TEST CERTIFICATE

无锡宝昌金属制品有限公司  
Wuxi Baochang Metal Products Co., Ltd

PAGE 2 OF 3

订单号: BCGSC1110163

Order No.

订 货 方: GLOBAL STAINLESS STEEL INC.

Order

使用 厂 家: GLOBAL STAINLESS STEEL INC.

CONSIGNEE

品 名:

Commodity COLD ROLLED STAINLESS STEEL SHEET

标 准:

Specification ASTM A240/A240M

DAS 48 9-89 171011

牌 号:

Type 304

表面 加工:

Surface Finish 2B

编号:

Invoice No.

发行日期:

Date

BCGSC11063

2011-11-21

序号 No.	货物编号 Product No.	产 品 尺 寸 Product Size			数量 Number	重量 Weight Kg	拉 伸 试 验 Tensile Test			表面 硬度 Hardness HRB ≤ 90	炉批号 HEAT NO.	化 学 成 分 Chemical Composition (%)						
		厚度 Thickness MM	宽度 Width MM	长度 Length MM			屈服强度 0.2% YS N/mm <sup>2</sup> ≥ 205	抗拉强度 TS N/mm <sup>2</sup> ≥ 520	延伸率 EL % ≥ 45			C	Si	Mn	P	S	Ni	Cr
1	11112105	0.71-0.76	1219	3048	110	2280	302	678	54	186	2170514	0.0520	0.4030	1.0200	0.0370	0.0040	8.0600	18.0300
2	11112106	0.81-0.9	1219	3048	65	2249	279	645	56	174	A21025402	0.0442	0.4611	1.1067	0.0425	0.0016	8.1165	18.1970
3	11112107	1.1-1.2	1219	3048	54	2234	300	665	64.5	163	C2107119	0.0500	0.4900	1.0700	0.0270	0.0010	8.0500	18.1000
4																		
5																		
6																		
7																		
8																		
9																		
10																		

备注 (Remarks):  
1. 尺寸和表面: 合格  
Size and Surface: Guaranteed

兹证明所列产品均符合订单和标准的制造要求

技术本部  
TECHNICAL DEPT.

WE HEREBY CERTIFY THAT THE MATERIAL HEREIN  
HAS BEEN MADE IN ACCORDANCE WITH THE ORDER AND  
SPECIFICATION  
此报告可完全复制

无锡宝昌金属制品有限公司  
Wuxi Baochang Metal Products Co., Ltd

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE  
STAINLESS STEEL SHEET 304-2B  
.0360 Nom X 48.0000" X 96.0000"  
PART NO.

PO/Rel 34861

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-025195-005

10Jan17  
Pg 1/1

Signed by:



運昌鋼鐵股份有限公司  
YUEN CHANG STAINLESS STEEL CO.

檢驗證明書  
MILL TEST CERTIFICATE  
列印日期 ISSUE DATE : 2015/04/27

高雄市中區中正路235號13F  
13F, No. 235 Junglieng 4th Road, Chianjin  
Chi, Kaohsiung, Taiwan  
TEL : 886-7-9685852 FAX : 886-7-9685768  
http://www.yuenchang.com.tw

客戶名稱 Customer	Thyssenkrupp Steel Services A Division Of Thyssenkrupp Materials Na Inc 22355 West Eleven Mile Road Southfield MI 48033 USA				
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商品描述 Desc. Of Goods	Description Of Goods And/Or Services Prime, Cold Rolled Stainless Steel Coil/Sheets, Sitted Edge, As Per ASTM A240/A480. Grade 304, 2B Finish Grade 304, No. 4 Finish, Laser PVC On One Main Side, With Back Pass Grade 304, 2B Finish, With Paper Interleaf				
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項目 Item	鋼捲編號 Coil No.	爐號 Heat Number(s)	鋼種 Steel Grade	表面 Finish	厚度 Thickness	產品尺寸 Width x Length (INCH)	淨重 Net Weight (KGS)
AE004	CCBE0004-15	AOA010-AAD	304	2B	20GA	48 x 96	1,158
AE005	CCBE0003-05	AOA010-AAD	304	2B	20GA	48 x 96	189
	CCBE0004-14	AOA010-AAD	304	2B	20GA	48 x 96	971
AE001	CCWR0007-22	AOA005-AAH	304	2B	16GA	48 x 96	934
AE006	CCWR0007-23	AOA005-AAH	304	2B	16GA	48 x 96	418
AE003	CCCS0396-29	ANID03-AAF	304	NO.4	20GA	48 x 120	1,411

化學成分 Chemical Composition / Chemical Analysis (%)									
Item	C	Si	Mn	P	S	Cr	Ni	N	Cu
AE004	0.021	0.310	1.370	0.031	0.0014	18.240	8.050	0.074	0.270
AE005	0.021	0.310	1.370	0.031	0.0014	18.240	8.050	0.074	0.270
	0.021	0.310	1.370	0.031	0.0014	18.240	8.050	0.074	0.270
AE001	0.021	0.270	1.330	0.030	0.0083	18.290	8.020	0.077	0.310
AE006	0.021	0.270	1.330	0.030	0.0083	18.290	8.020	0.077	0.310
AE003	0.018	0.340	1.390	0.031	0.0054	18.200	8.030	0.074	0.270

機械性質 Mechanical Properties									
T.S					Elong				
N/MM2					%				
654	306	56.0							
652	311	56.0							
654	306	56.0							
668	344	49.0							
668	344	49.0							
643	280	60.0							

註：本廠所製產品，均依材料規格製造及試驗，並符合規格之要求。  
We hereby certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.  
The material described above is free from radiation contamination and mercury.  
本廠所製產品均符合EN10204/Type 3.1認證。 Inspection certificate in accordance with EN10204/Type 3.1.  
本廠所製產品均符合ASTM A240/A480標準要求。 All the above products conform to the requirements specified in ASTM A240.  
WE HEREBY CERTIFYING THE MATERIAL TO ASTM A240/A480 AS PER EN 10204/3.1.  
THYSSENKRUPP MATERIALS NA PO PEC-263720, PEC-263821

YUEN CHANG STAINLESS STEEL CO., LTD.  
David Wang  
QC Manager  
ISO 9001

# THYSSENKRUPP MATERIALS NA

**DART AEROSPACE**  
ALUMINUM PLAT BAR 6061-T6511  
1.250" x 2.00" x 144.0000"  
PART NO.

PO# 34861

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

**Certificate of Mill Test Results**  
BL PEC-025195-007  
10/01/17  
Pg 1/1



**Service Center Metals**  
5850 Quality Way  
Prince George, VA 23875



## CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
278856	13

<b>BILL TO</b> ThyssenKrupp Materials NA-Concord ON	<b>MANIFEST NUMBER</b> 314603	<b>DIE NUMBER</b> MRB1792	<b>DATE OF SHIPMENT</b> 11/21/2016	<b>CERTIFICATION</b> ASTM-B221-14 StencilCont
<b>SHIP TO</b> ThyssenKrupp Materials NA-Concord ON	<b>CUSTOMER PO</b> PEC-279340	<b>ALLOY/TEMPER</b> 6061-T6511	<b>SALES PERSON</b> D. Schroeder (Canada)	<b>SPECIFICATION</b> AMS-QQA-200/8 Rev-A
<b>Quantity Certified</b> 4,135 lbs 116 pcs	<b>CUSTOMER PART NUMBER</b> MRB1792	<b>DESCRIPTION</b> MARB 1.250x2.000		

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

### Mechanical Properties

Tests Lot No.

6 201617706

10/13/16

min 51.40 max 51.90 min 47.90 max 48.60 min 15.15 max 17.25

DAS  
14  
17/01/12  
g-89

### Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Each	Total	Melt Source
1K160930C	201617706	6061	0.74	0.37	0.33	0.10	0.88	0.10	0.03	0.03	97.41	0.05	0.05	0.15	United States of America
1K160930Y	201617706	6061	0.74	0.37	0.32	0.10	0.88	0.09	0.03	0.03	97.44	0.05	0.05	0.15	United States of America
1K161006D	201617706	6061	0.72	0.37	0.31	0.10	0.90	0.10	0.03	0.03	97.43	0.05	0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Print Date: 11/21/2016



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE  
ALUMINUM ROUND BAR 6061-T6511  
1.00" DIA X 144.0000"  
PART NO.

PO/Ref 34861  
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results  
BL PEC-025195-009  
10Jan17  
Pg 1/1



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

## MILL TEST

BILL TO THYSSENKRUPP MATERIALS NA	CERT CODE: 9	DIE NUMBER S	DATE OF SHIPMENT Nov/11/2016	EXTRUDEX ORDER NO. 199496 - 12	MANIFEST NO. 360252
SHIP TO THYSSENKRUPP MATERIALS NA	CUSTOMER PO PEC-278674	ALLOY 6061	SALESMAN FORBES DODWELL	MADE IN CANADA	
SO DESCRIPTION 1" DIA	CUSTOMER PART NUMBER 9599-S	TEMPER T6511	CERTIFICATION ASTM B221-14 - AMS QQA 2008		

## Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Nov/09/2016	44.40	40.70	17.00	89.6, 89.7, 89.9	

## Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
384234	A.11	6061	0.6	0.15	0.2	0.03	0.86	0.07	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0	Remainder

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

DAS  
14  
9-89  
1740112

David Natale  
Quality Control Manager

1 - CUSTOMER COPY

# THYSSENKRUPP MATERIALS NA

**DART AEROSPACE**  
ALUMINUM ROUND BAR 6061-T6511  
1.250" DIA X 144.0000"  
PART NO.

P.O./Rel 34861

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-025195-010

Certificate of Mill Test Results

10Jan17  
Pg 1/1



Can Do.

## Service Center Metals

5850 Quality Way  
Prince George, VA 23875

## CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS



OUR ORDER NUMBER	ITEM
272420	1

**CALL TO** ThyssenKrupp Materials NA-Concord, ON  
**SHIP TO** ThyssenKrupp Materials NA-Concord, ON  
**Quantity Certified** 2,129 lbs 123 pcs  
**MANIFEST NUMBER** 309098  
**CUSTOMER NO** PEC-277595  
**CUSTOMER PART NUMBER** RD0008  
**DIE NUMBER** RD0008  
**DATE OF SHIPMENT** 9/29/2016  
**SALES PERSON** D. Schroeder (Canada)  
**ALLOY-TEMPER** 6061-T6511  
**DESCRIPTION** Lightning Rod Title 1.250 + .005/- .004  
**CERTIFICATION** ASTM-B221-14 StencilCont  
**SPECIFICATION** AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

### Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
12	201615894	9/14/16	min 47.10 max 48.10	min 44.20 max 45.60	min 17.65 max 20.10

DAS  
14  
9-89  
17/01/12

### Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Each	Total	Melt Source:
09051605	201615894	6061	0.76	0.34	0.30	0.09	0.84	0.10	0.06	0.02	97.49		0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Print Date: 9/29/2016

Cathy L. Wiggins, Director of Quality & Technical Services

Rev 8/28/16

# THYSSENKRUPP MATERIALS NA

PO/Ref 34861

DART AEROSPACE  
STAINLESS STEEL ROUND BAR 304L  
.375" DIA X 144.000"

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-025195-002

10Jan17  
Pg 1/1



North American Stainless Canada Inc.  
740 Imperial Road North  
Guelph, ON N1K1Z3  
Canada

## METALLURGICAL TEST REPORT

6870 Highway 42 East  
Ghent, KY 41045-9615  
(502) 347-6000

Certificate: 232694 3  
Customer: 007206 001  
THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

SHIP TO:  
THYSSENKRUPP MATERIALS  
2821 LANGSTAFF ROAD  
CONCORD, ON L4K5C6

Date: 10/28/2016 Page: 1  
Steel: 304/304L  
Finish: CD  
Corrosion: ASTM A262-10 Prac A/E OK

Your Order: PEC278104

NAS Order: PN 0072161 02

### PRODUCT DESCRIPTION

Round Bar, Annealed, Cold Draw  
UNS 30400/30403 EN 10204 3.1, ASTM A484/15  
ASTM A276/15, ASTM A479/15, ASTM A182/3 CHEM ONLY,  
ASTM A276/13, ASTM A182/10 CHEM ONLY  
AMS 5639H, AMS 5647J, AMS QQS-763D, QQS-763F, ASTM F899/11  
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/08 CL 1 GR B8  
ASTM A193/10K-ASME SA193/10 CL 1 GR B8

### REMARKS:

COMPLIES W/REQUIREMENTS OF DPMR 252.225-7009 BY DIRECTIVE  
2011/65/EU, ROHS, EAF+ADD+CC. NO WELD REPAIR. MELTED AND REFG  
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

DAS  
14  
9.89  
17/01/12

Product Id	Std #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BI2910 1		.3750		990	144.00	13	1	

### CHEMICAL ANALYSIS

CM(Country of Melt)

ES(Spain)

US(United States)

ZA(South Africa)

JP(Japan)

Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323  
Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
166V	US	.0157	.1425	18.1035	.4625	1.3445	.3135	.0710	8.5005	.0305
	S %	SI %								
	.0270	.2695								

### MECHANICAL PROPERTIES

Product Id	1 d o r	HB No.	.2XS KSI	UTS KSI	RA %	Elng % 2"
BI2910 1	R L	206.0	81.73	106.42	71.29	39.45

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items of the test methods used, the material meets the specifications stated, without the written approval of NAS.

Technical  
Dept. Mgr.  
KRIS LARK  
10/28/2016

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE  
ALUMINUM PLAT BAR 6061-T6511  
1.00" x 4.00" x 144.0000"  
PART NO.

PO# Rel 34861

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results  
BL PEC-025195-006  
10Jan17  
Pg 1/1



Can Do.

Service Center Metals  
5850 Quality Way  
Prince George, VA 23875



## CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
272639	5

BILL TO  
ThyssenKrupp Materials NA-Concord, ON  
SHIP TO  
ThyssenKrupp Materials NA-Concord, ON  
Quantity Certified 7.752 lbs 136 pcs

MANIFEST NUMBER 310622  
CUSTOMER PO PEC-277638  
CUSTOMER PART NUMBER MRB1795

DIE NUMBER MRB1795  
ALLOW TEMPER 6061-T6511  
DESCRIPTION MORB 1.000x4.000

DATE OF SHIPMENT 10/12/2016  
SALESPERSON D. Schroeder (Canada)

CERTIFICATION  
ASTM-B221-14 StencilCont  
SPECIFICATION  
AMS-QQA-200/8 Rev-A

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

### Mechanical Properties

Tests Lot No.

7 201617200

Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
10/10/16	min 48.10 max 52.30	min 44.60 max 49.10	min 15.50 max 19.75

DA5  
14  
1710112  
9-89

### Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Total	Melt Source
09301604	201617200	6061	0.72	0.37	0.31	0.11	0.86	0.08	0.06	0.02	97.47	0.05	0.15	United States of America
1M160926C	201617200	6061	0.76	0.37	0.32	0.10	0.89	0.10	0.04	0.03	97.40	0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Print Date: 10/12/2016



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S18GA  
 DATE: 17/01/11

PO / BATCH NO.: P034861 / 136568

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 80  
 QUANTITY INSPECTED: 80  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .050  
 THICKNESS RECEIVED: .047  
 SHEET SIZE ORDERED: 4x10  
 SHEET SIZE RECEIVED: 4x16

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	(N)	
CORRECT FINISH	(Y)	N	
CORROSION	Y	(N)	
CORRECT GRAIN DIRECTION	(Y)	N	
CORRECT MATERIAL	(Y)	N	304
CORRECT THICKNESS	(Y)	N	.047
PHOTO REQUIRED	Y	(N)	
CORRECT MATERIAL	(Y)	N	ASTM A240
CORRECT REF # TO LINK CERT	(Y)	N	Heat # 2170514
CORRECT MATERIAL IDENTIFICATION	(Y)	N	M 304S18GA
CORRECT M# ON THE MATERIAL	(Y)	N	M 136568
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	(N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>48</u> DATE: <u>17/01/11</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: ~~M136568~~ M304S206A

PO / BATCH NO.: PO 34861 / M136568

DATE: 17/01/11

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 64  
 QUANTITY INSPECTED: 64  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .040  
 THICKNESS RECEIVED: .036  
 SHEET SIZE ORDERED: 4x8  
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	304
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	.036
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	ASTM A240
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	Heat # A0A010 - AAD
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	M 304S206A
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	136568
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

<p><b>QC 18 INSPECTION</b></p> <p style="text-align: center;">DAS</p> <p style="text-align: center;">48</p> <p>INSPECTED BY: <u>                    </u></p> <p>DATE: <u>17/01/11</u></p>	<p style="text-align: right;"><b>ENGINEERING SIGNOFF (if required)</b></p> <p>SIGNED OFF BY: <u>                    </u></p> <p>DATE: <u>                    </u></p>
---	---

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6 R1.250  
 DATE: 17/01/12

PO / BATCH NO: 34861/136568

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.250  
 THICKNESS RECEIVED: 1.250  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>6061T6</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>1.250</u>
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>AMS QQ-A-200/8 ASTM B221</u>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>HEAT # 201615894</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>M6061T6 R1.250</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>M136568</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="radio"/> N <input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="radio"/> N <input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>17/01/12</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303 RD.500  
 DATE: 17/01/12

PO / BATCH NO.: 34861/136568

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: .500  
 THICKNESS RECEIVED: .500  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	303
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	.500
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	ASTM A582
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	HEATH 928558
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	M303 RD.500
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	M136568
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>14</u> DATE: <u>17/01/12</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 4304 RD.375  
DATE: 17/01/12

PO / BATCH NO.: 34861/136568

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 12  
QUANTITY INSPECTED: 12  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: .375  
THICKNESS RECEIVED: .375  
SHEET SIZE ORDERED: \_\_\_\_\_  
SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>304</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>.375</u>
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>ASTM A276</u>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>HEAT# 1666V</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>4304 RD.375</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>M136568</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY: <u>DAS</u> <u>14</u> DATE: <u>17/01/12</u>		SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 4304 R1.000  
DATE: 17/01/12

PO / BATCH NO: 3486/136568

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 12'  
QUANTITY INSPECTED: 12'  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.000  
THICKNESS RECEIVED: 1.000  
SHEET SIZE ORDERED: \_\_\_\_\_  
SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	304
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	1.000
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	ASTM A276
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	HEAT# 409698
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	4304 R1.000
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	M136568
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____	
DATE: <u>17/01/12</u>	DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: ML061TL6 B1.00 X 4.00

PO / BATCH NO: 34861/136568

DATE: 17/01/12

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.00  
 THICKNESS RECEIVED: 1.00  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>6061TL6</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>1.00</u>
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>AMS QQ-A-200/8 ASTM B21</u>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>HEAT # 201617200</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>ML061TL6 B1.00 X 4.00</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	<u>M136568</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>17/01/12</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6 B2.00X1.25

PO / BATCH NO: 34861/136568

DATE: 17/01/12

MATERIAL CERT REC'D: YES  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.250  
 THICKNESS RECEIVED: 1.250  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	<u>M6061T6</u>
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	<u>1.250</u>
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	<u>AMS QQ-A-200/8 ASTM B221</u>
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>HEAT# 201617706</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	<u>M6061T6 B2.00X1.25</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	<u>M136568</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>17/01/12</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M606IT6 R1.00  
 DATE: 17/01/12

PO / BATCH NO: 34861/136568

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.00  
 THICKNESS RECEIVED: 1.00  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>406IT6</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>1.00</u>
PHOTO REQUIRED	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>AMS QQ-A-200/8 ASTM B221</u>
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>HEAT# 199496-12</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>M606IT6 R1.00</u>
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	<u>M136568</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____		
DATE: <u>17/01/12</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO34861**

Purchase Order Date 1/6/2017

PO Print Date 1/6/2017

Page Number 1 of 7

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

E-MAILED

JAN 06 2017

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M303R0.500 ✓  MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE	303 Round Bar 0.500"	1/12/2017 Yes 1/12/2017		12.00 ✓ f	\$4.58 ✓	\$55.00
Line Total:							\$55.00
2	M304R0.375 ✓  MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 (NOTE: AISI 303 NOT ACCEPTABLE)	304 ROUND BAR 0.375	1/12/2017 Yes 1/12/2017		12.00 ✓ f	\$4.58 ✓	\$55.00
Line Total:							\$55.00

SP17-01-11

Note:



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO34861

Purchase Order Date 1/6/2017

PO Print Date 1/6/2017

Page Number 2 of 7

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

3 M304R1.000 304 round bar 1.00 1/12/2017  
Yes  
1/12/2017

0.00 f \$0.00 \$0.00

MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276

(NOTE: AISI 303 NOT ACCEPTABLE)

M304R1.000 1/12/2017  
1/12/2017

12.00 f \$8.20 \$98.35

Line Total: \$98.35

4 M304S18GA 304/316 .050 Sheet 1/12/2017  
Yes  
1/12/2017

80.00 sf \$3.99 \$318.93

PURCHASE MATERIAL: AISI 304/316 SS SHEET

ANNEALED

SPECIFICATION: MIL-S-5059

OR AMS 5513 (304)

OR AMS 5524 (316)

ORASTMA240

OR ASME SA240

Line Total: \$318.93

Note:

1/6/2017



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO34861**

Purchase Order Date 1/6/2017

PO Print Date 1/6/2017

Page Number 3 of 7

**Order From :**  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

VC-COP001

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905 669 9444

**Ship To Contact**

**Ship To Phone**

**Ship Via:** VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

5	M304S20GA	304/316 .040 Sheet	1/12/2017	64.00	\$4.25	\$272.27
			Yes	sf		
			1/12/2017			

PURCHASE MATERIAL: AIS1 304/316 SS SHEET

ANNEALED

SPECIFICATION: MIL-S-5059

OR AMS 5513 (304)

OR AMS 5524 (316)

ORASTMA240

OR ASME SA240

**Line Total:** \$272.27

6	M6061T6B1.000X04.000	6061-T6 Bar 1.00 x 4.00	1/12/2017	12.00	\$11.25	\$135.00
			Yes	f		
			1/12/2017			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

**Line Total:** \$135.00

**Note:**

1/6/2017



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO34861

Purchase Order Date 1/6/2017

PO Print Date 1/6/2017

Page Number 4 of 7

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

7 M6061T6B2.000X01.250 ✓ 6061-T6 Bar 2.00 x 1.25 ✓ 1/12/2017  
Yes  
1/12/2017

12.00 ✓ \$7.20 \$86.40  
f

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

SP17-01-11

Line Total: \$86.40

8 M6061T6B2.000X08.000 ✓ 6061-T6 BAR 2.00' X 8.00" ( CUT IN 4FT SECTION) 1/12/2017  
No  
1/12/2017

8.00 B/O \$51.68 \$413.40  
f

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$413.40

Note:

1/6/2017



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO34861**

Purchase Order Date 1/6/2017

PO Print Date 1/6/2017

Page Number 5 of 7

**Order From :**  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

VC-COP001

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905 669 9444

**Ship To Contact**

**Ship To Phone**

**Ship Via:** VENDOR'S TRUCK

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

CAD

**FOB**

FCA - (Free Carrier)

9 M6061T6R1.000 ✓ ROUND BAR 1.00" ✓ 1/12/2017  
Yes  
1/12/2017

12.00 ✓ \$4.58 \$55.00  
f

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

SP17-01-11

**Line Total:** \$55.00

10 M6061T6R1.250 ✓ 6061-T6 Round Bar 1.250 ✓ 1/12/2017  
Yes  
1/12/2017

12.00 ✓ \$4.58 \$55.00  
f

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

SP17-01-11

**Line Total:** \$55.00

11 M6061T6S.080 ✓ 6061-T6 .080 Sheet 1/12/2017  
Yes  
1/12/2017

128.00 ✓ \$3.99 \$511.00  
sf 310

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER  
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027  
OR ASTM B209

**Note:**





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO34861**

Purchase Order Date 1/6/2017

PO Print Date 1/6/2017

Page Number 6 of 7

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**  
**Vendor Phone** 905 669 9444  
  
**Ship To Contact**  
**Ship To Phone**  
**Ship Via:** VENDOR'S TRUCK  
**Ship Acct:**

**Buyer** Chantal Lavoie  
**Customer POID**  
**Customer Tax #** 10127-2607  
**Terms** Net 30  
**Currency** CAD  
**FOB** FCA - (Free Carrier)

**Line Total:** \$511.00

12	M7075T6B7.000X2.000	7075-T6 BAR 7.000" X 2.000" (order in billets - 13.375")	1/12/2017	6.70	\$106.12	\$711.00
			Yes	f		
			1/12/2017			

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

6 PCS CUT AT 13.375" = TO 6.70 FT

**Line Total:** \$711.00

13	M7075T6B3.000x04.000	7075-T6 BAR 3.000' X 4.000" grain along 3"	1/19/2017	12.00	\$82.50	\$990.00
			Yes	f		
			1/19/2017			

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR  
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: GRAIN DIRECTION ALONG 3"

CANCEL

**Line Total:** \$990.00

**Note:**

1/6/2017



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO34861**

Purchase Order Date 1/6/2017

PO Print Date 1/6/2017

Page Number 7 of 7

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

Chantal Lavoie

14	71401-45	PROCUREMENT QUALITY CLAUSES	1/12/2017	1.00	\$0.00	\$0.00
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No

1/12/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total: \$0.00

PO Total: \$3,756.35

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1

Change Date: 1/6/2017